

AN - 1993-172335 [21]

A - [001] 014 03- 041 046 231 247 331 359 415 431 435 437 442 450 477 502

512 514 54& 541 575 580 596 597 600 688 698

- [002] 014 03- 034 041 046 054 231 247 27& 331 359 415 431 435 437 442

450 477 502 512 514 54& 541 575 580 596 597 600 698 726

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KS - 0229 0269 0271 0292 2010 2198 2203 2419 2436 2450 2510 2513 2522 2562

2600 2645 2654 2718 2725 3252

MC - A04-G10 A10-E11 A11-B07A A11-B09D A12-S06C

PA - (MITP) MITSUBISHI PETROCHEMICAL CO LTD

PN - JP3100700B2 B2 20001016 DW200054 B32B31/30 005pp

- JP5104694 A 19930427 DW199321 B32B31/30 006pp

PR - JP19910272498 19911021

XA - C1993-076753

XIC - B29C-065/02 ; B32B-027/06 ; B32B-027/32 ; B32B-031/12 ; B32B-031/30

XP - N1993-132330

AB - J05104694 4-Methyl-pentene resin is extruded from T-die at 250-350 deg.C of resin temp. to make melt thin membrane which is then ozone treated. The ozone treated surface is laminated on the oxidn. treated surface or anchor coat treated surface of the base material under pressure.

- USE/ADVANTAGE - It is used as a release process paper of lunch tray. It has good heat resistance and delamination.

- In an example, 4-methyl-1-pentene/decene copolymer (MITC, DX-820) with 0.833 g/cm³ of density and 180 g/10 min. of MFR is extruded at 300 deg.C of resin temp. to 500mm wide melt membrane. Ozone air (20 g/m³ ozone concn. 1500 1/hour) is blown from the nozzle set under the T-die. Corona treated high quality paper and the ozone treated surface are pressure laminated to give 30 microns thick laminated sheet. It has good adhesion strength, heat sealing strength and heat resistance. (Dwg.0/0)

IW - METHYL PENTENE RESIN LAMINATE FILM PREPARATION EXTRUDE METHYL PENTENE RESIN T=DIE FORMING THIN FILM OZONE TREAT LAMINATE OXIDATION TREAT SURFACE BASE MATERIAL PRESSURE

IKW - METHYL PENTENE RESIN LAMINATE FILM PREPARATION EXTRUDE METHYL PENTENE RESIN T=DIE FORMING THIN FILM OZONE TREAT LAMINATE OXIDATION TREAT SURFACE BASE MATERIAL PRESSURE

NC - 001

OPD - 1991-10-21

ORD - 1993-04-27

PAW - (MITP) MITSUBISHI PETROCHEMICAL CO LTD

TI - 4-Methyl-pentene resin laminated film prepn. - by extruding

4-methyl-pentene resin from T=die, forming thin film which is ozone treated and laminated on oxidn. treated surface of base material under

B3430 B3372 ;

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